

Converting Colors

XYZ(63.9689, 60.2316, 66.6333)

Have a look what the booklet for
XYZ(63.9689, 60.2316, 66.6333)
contains.

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Color

**XYZ(64.0366, 60.3634,
66.6687)**

Conversions

Conversions Part 1

Format	Color
Hex	E9C2CE
RGB	233, 194, 206
RGB Percent	91%, 76%, 81%
CMY	0.0863, 0.2392, 0.1922
CMYK	0.00, 0.17, 0.12, 0.09
HSL	342°, 47%, 84%
HSV	342°, 17%, 91%
XYZ	64.0366, 60.3634, 66.6687
YIQ	207.0290, 19.3920, 12.0000

Conversions

Conversions Part 2

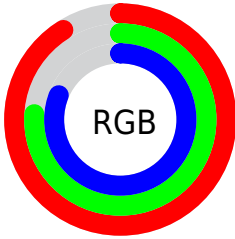
Format	Color
R _Y B	233, 194, 206
Decimal	15319758
CIE Lab	82.04, 15.76, -0.80
CIE LCh	82, 15.783, 357.077
Yxy	60.3634, 0.3351, 0.3159
Android (android.graphics.Color)	4293509838 (0xFFE9C2CE)
YUV	207.0290, -0.5073, 22.7766
Hunter-Lab	77.6939, 11.1584, 3.5093

Details

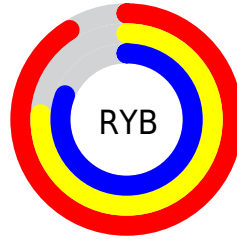
The XYZ color **64.0366, 60.3634, 66.6687** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.4405, 74.9691, 79.4843**, and the grayscale version is **59.3227, 62.4121, 67.9667**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **33.1770, 30.3703, 33.8192** is the 20% darker color. If you saturate the color by 10%, you get **57.3918, 50.0504, 55.2759**, and if you desaturate by 10%, it is **71.6990, 72.3883, 79.3947**.

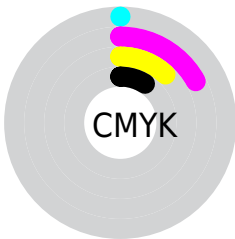
Distribution



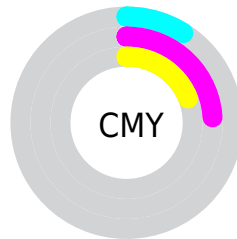
- Red (91%)
- Green (76%)
- Blue (81%)



- Red (91%)
- Yellow (76%)
- Blue (81%)



- Cyan (0%)
- Magenta (17%)
- Yellow (12%)
- Black (9%)



- Cyan (9%)
- Magenta (24%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.0366, 60.3634, 66.6687 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 64.0366, 60.3634, 66.6687 by changing the saturation by 10% instead.

64.0366, 60.3634,
66.6687

64.0366, 60.3634,
66.6687

428.9219,
425.9360, 467.2339

46.9421, 43.7116,
48.3555

109.7371,
105.3566, 116.0817

33.1976, 30.4439,
33.7465

139.0738,
134.4669, 148.0186

22.4379, 20.1757,
22.4232

173.2219,
168.4987, 185.3339

14.2974, 12.5228,
13.9669

212.5469,
207.8366, 228.4460

8.4109, 7.1008,
7.9591

257.4140,
252.8649, 277.7735

4.4130, 3.5252,
3.9814

308.1887,

1.9383, 1.4117,

303.9679, 333.7350

1.6152

365.2362,
361.5301, 396.7489

■ 0.5990, 0.2253,
0.3016

■ 0.0000, 0.0000,
0.0000

■ 64.0366, 60.3634,
66.6687

■ 64.0366, 60.3634,
66.6687

■ 57.3918, 50.0504,
55.2759

■ 71.6990, 72.3883,
79.3947

■ 51.7157, 41.3632,
45.1679

■ 80.4150, 86.1899,
93.4922

■ 46.9629, 34.2205,
36.2992

■ 87.3179, 96.0251,
108.0336

■ 43.0822, 28.5305,
28.6198

■ 87.4146, 96.0638,
108.5427

■ 40.0173, 24.1918,
22.0761

■ 37.7047, 21.0898,
16.6098

■ 36.0711, 19.0904,
12.1567

■ 35.0246, 18.0239,
8.6433

■ 34.7637, 17.7875,
7.6767

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



62.9410, 60.3634, 76.2489



64.0366, 60.3634, 66.6687



63.2903, 60.3634, 57.6957

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.0366, 60.3634, 66.6687



54.4967, 60.3634, 50.6570



53.9499, 60.3634, 82.4235

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



64.0366, 60.3634, 66.6687



64.4405, 74.9691, 79.4843

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



51.8376, 60.3634, 74.4677



64.0366, 60.3634, 66.6687



52.1446, 60.3634, 56.2178

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.0366, 60.3634, 66.6687



57.7020, 60.3634, 48.9991



51.1896, 60.3634, 64.7912



57.0464, 60.3634, 85.8815

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



64.0366, 60.3634, 66.6687



61.8640, 60.3634, 53.1438



51.1896, 60.3634, 64.7912



53.1059, 60.3634, 80.1509

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



64.0383, 60.3661, 66.6700



89.7276, 91.5776, 100.2745



63.7142, 59.7869, 85.2734



19.0510, 19.3576, 21.2108



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.0383, 60.3661, 66.6700



75.7099, 69.5966, 76.9373



64.2655, 63.0645, 59.8277



15.2563, 15.1304, 16.6348



19.7741, 10.1123, 4.6120



1.5944, 0.8107, 0.5814

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



64.0383, 60.3661, 66.6700



75.7099, 69.5966, 76.9373



64.1137, 71.6654, 87.5451



15.2563, 15.1304, 16.6348



19.7741, 10.1123, 4.6120



1.5944, 0.8107, 0.5814

Previews

White Background



This preview shows how the XYZ color 64.0366, 60.3634, 66.6687 looks on a white background.

Color Contrast Check

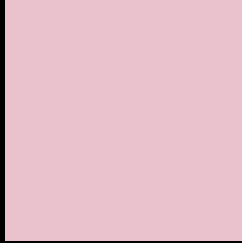
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 64.0366, 60.3634, 66.6687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.0366, 60.3634, 66.6687

Background



This preview shows how black text looks on a background with the XYZ color 64.0366, 60.3634, 66.6687.



This preview shows how white text looks on a background with the XYZ color 64.0366, 60.3634,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

64.0366, 60.3634, 66.6687

Protanopia

58.5674, 60.5368, 70.2260

Deuteranopia

61.6450, 60.4839, 66.1831



Tritanopia

64.4047, 60.5107, 68.6068

Trichromacy



Original Color

64.0366, 60.3634, 66.6687

Protanomaly

60.4818, 60.5109, 68.8136

Deuteranomaly

62.6643, 60.6712, 66.1656

Tritanomaly

64.2812, 60.4613, 67.9567

Monochromacy



Original Color

64.0366, 60.3634, 66.6687

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

60.7019, 61.3450, 67.6729

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.0366, 60.3634, 66.6687 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(233, 194, 206)` looks like.

```
.text, #text, p{  
    color:rgb(233, 194, 206)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(233, 194, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 194, 206) }
```

Border

The CSS property to change the border of an element to XYZ 64.0366, 60.3634, 66.6687 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(233, 194, 206) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(233, 194, 206) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(233, 194, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 194, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 194, 206);  
box-shadow:4px 4px 4px 4px rgb(233, 194,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 64.0366, 60.3634, 66.6687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 194, 206) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(233,  
194, 206) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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